ELSEVIER

Neurocomputing 8 (1995) 375–376

NEUROCOMPUTING

Author index to volume 8 (1995)

Amano, H., *see* **Suzuki, K.** 8 (1995) 141
Ansari, N. and D. Liu, The performance evaluation of a new neural network-based traffic management scheme for a satellite communication network 8 (1995) 263
Aykanat, C., *see* **Bultan, T.** 8 (1995) 171

Bergdoll, S. and U.T. Koch, BIOSIM – A biological neural network simulator for research and teaching, featuring interactive graphical user interface and learning capabilities 8 (1995) 93
Bultan, T. and C. Aykanat, Circuit partitioning using mean field annealing 8 (1995) 171

Cichocki, A., R. Unbehauen, M. Lendl and K. Weinzierl, Neural networks for linear inverse problems with incomplete data especially in applications to signal and image reconstruction 8 (1995) 7

Foo, S., *see* **Szu, H.** 8 (1995) 249
Foo, S.Y., Y. Takefuji and H. Szu, Scaling properties of neural networks for job-shop scheduling 8 (1995) 79

Kinser, J.M., Inability of higher-order outer product learning to map random higher-order problems 8 (1995) 349
Koch, U.T., *see* **Bergdoll, S.** 8 (1995) 93

Lee, S. and J. Park, Dual-mode dynamics neural network for combinatorial optimization 8 (1995) 283
Lendl, M., *see* **Cichocki, A.** 8 (1995) 7
Li, Y.-D., *see* **Luo, F.-L.** 8 (1995) 213
Ling, C.X., Overfitting and generalization in learning discrete patterns 8 (1995) 341
Liu, D., *see* **Ansari, N.** 8 (1995) 263
Luo, F.-L., R. Unbehauen and Y.-D. Li, A principal component analysis algorithm with invariant norm 8 (1995) 213

Monfroglio, A., Connectionist networks for pivot selection in linear programming 8 (1995) 51

Park, J., *see* **Lee, S.** 8 (1995) 283
Pearson, D.W., Hopfield networks and symmetry groups 8 (1995) 305
Pearson, D.W., Linear systems equivalent to artificial neural networks via Lie theory 8 (1995) 157
Perry, J.C., *see* **Solka, J.L.** 8 (1995) 195
Poellinger, B.R., *see* **Solka, J.L.** 8 (1995) 195
Potvin, J.-Y. and C. Robillard, Clustering for vehicle routing with a competitive neural network 8 (1995) 125

Elsevier Science B.V.

Robillard, C., *see* **Potvin, J.-Y.** 8 (1995) 125
Rogers, G.W., *see* **Solka, J.L.** 8 (1995) 195

Schaller, H.N., Design of neurocomputer architectures for large-scale constraint satisfaction problems 8 (1995) 315
Solka, J.L., J.C. Perry, B.R. Poellinger and G.W. Rogers, Fast computation of optimal paths using a parallel Dijkstra algorithm with embedded constraints 8 (1995) 195
Suzuki, K., H. Amano and Y. Takefuji, Neural network parallel computing for multi-layer channel routing problems 8 (1995) 141
Szu, H. and S. Foo, Divide and conquer orthogonality principle for parallel optimizations in TSP 8 (1995) 249
Szu, H., *see* **Foo, S.Y.** 8 (1995) 79

Takefuji, Y., *see* **Foo, S.Y.** 8 (1995) 79
Takefuji, Y., *see* **Suzuki, K.** 8 (1995) 141
Takefuji, Y., *see* **Tsuchiya, K.** 8 (1995) 43
Tsuchiya, K. and Y. Takefuji, A neural network algorithm for the no-three-in-line problem 8 (1995) 43

Unbehauen, R., *see* **Cichocki, A.** 8 (1995) 7
Unbehauen, R., *see* **Luo, F.-L.** 8 (1995) 213

Weinzierl, K., *see* **Cichocki, A.** 8 (1995) 7

ELSEVIER

Neurocomputing 8 (1995) 377–378

NEUROCOMPUTING

Subject index to volume 8 (1995)

Adaptive signal processing	(8) 213
Artificial neural system	(8) 195
Backpropagation	(8) 51
Biological neural networks	(8) 93
Biological neurons	(8) 93
Boundary resultant vectors	(8) 249
Channel routing	(8) 141
Circuit partitioning	(8) 171
Clustering	(8) 125
Combinatorial optimization	(8) 283
Combinatorics	(8) 51
Competitive neural network	(8) 125
Computer architecture	(8) 315
Conjunctive normal form	(8) 51
Constraints	(8) 315
Constraint satisfaction	(8) 51
Discrete pattern learning	(8) 341
Dual-Mode Dynamics Neural Network	(8) 283
Dynamic barrier	(8) 315
Eigenvectors	(8) 213
Hopfield network	(8) 157, 305, 315
Hopfield neural network	(8) 141
Hopfield recurrent neural networks	(8) 7
Hysteresis McCulloch-Pitts neuron	(8) 43
Invariant functions	(8) 305
Inverse problems	(8) 7
Ionic channels	(8) 93
Knapsack problem	(8) 283
Kohonen	(8) 263
Learning	(8) 93
Learning and generalization	(8) 341
Learning vector quantization	(8) 51
Lie algebra	(8) 157
Lie groups	(8) 305
Linear Programming	(8) 51
Lossless divide-and-conquer	(8) 249
Map configuration	(8) 263
Mapping	(8) 349
Maximum entropy	(8) 7
Mean field annealing	(8) 171
Minimum L_p-norm criteria	(8) 7
Mixed integer linear programing	(8) 79
Multiprocessor	(8) 141
Net-cut model	(8) 171
Neural nets	(8) 93
Neural network algorithm	(8) 43
Neural networks	(8) 213
Neural optimization networks	(8) 283
Noise	(8) 93
Nonconvex optimization	(8) 249
No-three-in-line	(8) 43
Operations research	(8) 51
Optimal path	(8) 195
Optimization	(8) 7, 79
Orthogonal projections	(8) 249
Outer product learning rule	(8) 349
Overfitting	(8) 341
Pivot operation	(8) 51
Probabilistic neural network	(8) 51
N-Queen problem	(8) 283
N-Queens	(8) 315
Real-time neurocomputing	(8) 7
Recursive algorithms	(8) 249
Route planning	(8) 195
Satellite communication network	(8) 263
Scheduling	(8) 79
Self-organization	(8) 263
Simulated annealing	(8) 249
Simulation	(8) 93

Elsevier Science B.V.

State-dependent routing (8) 263
Systems equivalence (8) 157

Tank-Hopfield neural networks (8) 79
Time windows (8) 125
Traffic management (8) 263
Traveling Salesman Problem (8) 249
Turning constraints (8) 195
Unsolved problem (8) 43
Unsupervised learning (8) 213

Vehicle routing (8) 125
VLSI layout (8) 141
Voltage clamp (8) 93